Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	52	kinugawa-hiroyuki.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/18 16:20
L2	5997	123/90.15-90.18,90.27,90.31.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/18 16:20
L3	1250	92/160,161.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/18 16:20
L4	7281	L2 or L3 or 92/5L.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/18 16:20
L5	51022	lock\$3 with (hole or bore or recess) with (protru\$5 or exten\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/18 16:22
L6	198	L4 and L5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/18 16:23
L7	1625	lock\$3 with (hole or bore or recess) with (protru\$5 or exten\$5) same (relative near3 rotat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/18 16:22
L8	44	L4 and L7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/18 16:23
S1	50	kinugawa-hiroyuki.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/18 16:17
S2	0	jp-14155713-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 14:09
S3	5314	123/90.15-90.18,90.27,90.31.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 16:51
S4	1244	92/160,161.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 14:10

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S5	1	123/90.15-90.18,90.27,90.31.ccls. and 92/5L.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 14:11
S6	0	92/160,161.ccls. and 92/5L.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 14:11
S7	2	92/160,161.ccls. and 123/90. 15-90.18,90.27,90.31.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 14:13
S8	2277	(rotor or rotary) same (lock or prevent\$3 or fix\$3) near2 rotat\$3 with (bore or hole or cylinder)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 14:16
S9	19	123/90.15-90.18,90.27,90.31.ccls. and ((rotor or rotary) same (lock or prevent\$3 or fix\$3) near2 rotat\$3 with (bore or hole or cylinder))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 14:16
S10	214	(phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/12 15:34
S11	73	((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) and 123/90.15-90.18,90.27,90.31. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 17:22
S12	2	((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) and 92/5L,120-125.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 17:26
S13	5	((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) and 464/160,161.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 17:26
S14	399	(phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock\$3 near2 pin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 17:21
S15	227	(phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same locking near2 pin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 17:27

S16	176	((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same locking near2 pin) not (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) or (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) and 123/90. 15-90.18,90.27,90.31.ccls.) or (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) and 92/5L,120-125.ccls.))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 17:28
S17	36	(((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same locking near2 pin) not (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) or (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) and 123/90. 15-90.18,90.27,90.31.ccls.) or (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) and 92/5L,120-125.ccls.))) and 123/90.15-90.18,90.27,90.31.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 17:30
S18	1	(((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same locking near2 pin) not (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) or (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) and 123/90. 15-90.18,90.27,90.31.ccls.) or (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) and 92/5L,120-125.ccls.))) and 92/5L,120-125.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 17:36

S19	2	(((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same locking near2 pin) not (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) or (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) and 123/90. 15-90.18,90.27,90.31.ccls.) or (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) and 92/5L,120-125.ccls.))) and 464/160,161.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 17:36
S20	599	(phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock\$ near2 (mechanism or piston)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 17:27
S21	593	(phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock\$3 near2 (mechanism or piston)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 17:28
S22	525	((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock\$3 near2 (mechanism or piston)) not (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) or (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) and 123/90.15-90.18, 90.27,90.31.ccls.) or (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) and 92/5L, 120-125.ccls.))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 17:28

622			110 000115		T =	2004/04/24 47 55
S23	557	((phaser or adjuster or (variable	US-PGPUB;	OR	ON	2004/04/01 17:29
		near2 (valve or timing)) or VCT or	USPAT;			
		VVT or VTC) same lock\$3 near2	EPO; JPO;	1		
		(mechanism or piston)) not	DERWENT			
		((((phaser or adjuster or (variable				
		near2 (valve or timing)) or VCT or		1		
		VVT or VTC) same locking near2	1			
		pin) not (((phaser or adjuster or		1		
		(variable near2 (valve or timing))				
		or VCT or VVT or VTC) same lock				
		near2 pin) or (((phaser or adjuster		İ		
		or (variable near2 (valve or				
		timing)) or VCT or VVT or VTC)		İ		
		same lock near2 pin) and 123/90.				
		15-90.18,90.27,90.31.ccls.) or				
		(((phaser or adjuster or (variable				
		near2 (valve or timing)) or VCT or				
		VVT or VTC) same lock near2 pin)				
		and 92/5L,120-125.ccls.))) or				
		((((phaser or adjuster or (variable				
		near2 (valve or timing)) or VCT or			}	
		VVT or VTC) same locking near2			<u> </u>	
		pin) not (((phaser or adjuster or				
]		(variable near2 (valve or timing))				
		or VCT or VVT or VTC) same lock				
		near2 pin) or (((phaser or adjuster				
		or (variable near2 (valve or				
		timing)) or VCT or VVT or VTC)				
		same lock near2 pin) and 123/90.				
		15-90.18,90.27,90.31.ccls.) or				
		(((phaser or adjuster or (variable				
		near2 (valve or timing)) or VCT or				
		VVT or VTC) same lock near2 pin)				
		and 92/5L,120-125.ccls.))) and				
		123/90.15-90.18,90.27,90.31.ccls.				
) or ((((phaser or adjuster or				
		(variable near2 (valve or timing))				
		or VCT or VVT or VTC) same				
		locking near2 pin) not (((phaser or				
		adjuster or (variable near2 (valve				
		or timing)) or VCT or VVT or VTC)				
		same lock near2 pin) or (((phaser				
		or adjuster or (variable near2				
		(valve or timing)) or VCT or VVT				
		or VTC) same lock near2 pin) and				
		123/90.15-90.18,90.27,90.31.ccls.				
) or (((phaser or adjuster or				
		(variable near2 (valve or timing))				
		or VCT or VVT or VTC) same lock				
		near2 pin) and 92/5L,120-125.				
		ccls.))) and 92/5L,120-125.ccls.))		1		

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S24	489	(((phaser or adjuster or (variable	US-PGPUB;	OR	ON	2004/04/01 17:29
		near2 (valve or timing)) or VCT or	USPAT;			
		VVT or VTC) same lock\$3 near2	EPO; JPO;			
		(mechanism or piston)) not	DERWENT			
		(((phaser or adjuster or (variable				
		near2 (valve or timing)) or VCT or				
		VVT or VTC) same lock near2 pin)				
		or (((phaser or adjuster or				
		(variable near2 (valve or timing))				
		or VCT or VVT or VTC) same lock				
		near2 pin) and 123/90.15-90.18,				
		90.27,90.31.ccls.) or (((phaser or				
		adjuster or (variable near2 (valve				
ļ		or timing)) or VCT or VVT or VTC)				
		same lock near2 pin) and 92/5L,				
		120-125.ccls.))) not ((((phaser or				
		adjuster or (variable near2 (valve				
		or timing)) or VCT or VVT or VTC)				
		same locking near2 pin) not				
		(((phaser or adjuster or (variable				
		near2 (valve or timing)) or VCT or				
		VVT or VTC) same lock near2 pin)				
		or (((phaser or adjuster or				
		(variable near2 (valve or timing))				
		or VCT or VVT or VTC) same lock				
		near2 pin) and 123/90.15-90.18,				
	İ	90.27,90.31.ccls.) or (((phaser or				
	1	adjuster or (variable near2 (valve				
		or timing)) or VCT or VVT or VTC)				
		same lock near2 pin) and 92/5L,				
		120-125.ccls.))) or ((((phaser or				
		adjuster or (variable near2 (valve				
	į l	or timing)) or VCT or VVT or VTC)				
		same locking near2 pin) not				
		(((phaser or adjuster or (variable				
		near2 (valve or timing)) or VCT or				
		VVT or VTC) same lock near2 pin)				
		or (((phaser or adjuster or				
		(variable near2 (valve or timing))				
		or VCT or VVT or VTC) same lock				
		near2 pin) and 123/90.15-90.18,				
		90.27,90.31.ccls.) or (((phaser or				
[adjuster or (variable near2 (valve				
		or timing)) or VCT or VVT or VTC)				
		same lock near2 pin) and 92/5L,				
		120-125.ccls.))) and 123/90.				
		15-90.18,90.27,90.31.ccls.) or				
		((((phaser or adjuster or (variable				
		near2 (valve or timing)) or VCT or				
		VVT or VTC) same locking near2				
		pin) not (((phaser or adjuster or				
		(variable near2 (valve or timing))				
		or VCT or VVT or VTC) same lock				
		near2 pin) or (((phaser or adjuster				
		or (variable near2 (valve or				
	[timing)) or VCT or VVT or VTC)				
Search F	listony 8/19	same lock near2 pin) and 123/90.				
C:\Docir	ments and Set	tings kridgie my pocuments par work	Snaces\106425	90. wsn		
J., 500a		(((phaser or adjuster or (variable		- 0.113p		
I	i l	near? (valve or timing)) or VCT or	I	1	l	

S25	52	((((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock\$3 near2 (mechanism or piston)) not (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) or (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) and 123/90.15-90.18, 90.27,90.31.ccls.) or (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) and 92/5L, 120-125.ccls.))) not (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same locking near2 pin) not (((phaser or adjuster or (variable near2 (valve or timing))) or VCT or VVT or VTC) same lock near2 pin) or (((phaser or adjuster or diuster or (((phaser or adjuster or (((phaser or adjuster or ((((phaser or adjuster or ((((((((((((((((((((((((((((((((((US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 17:30
		90.27,90.31.ccls.) or (((phaser or adjuster or (variable near2 (valve				
		same lock near2 pin) and 92/5L,				
		adjuster or (variable near2 (valve				
		same locking near2 pin) not				
		near2 (valve or timing)) or VCT or				
		or (((phaser or adjuster or				
		(variable near2 (valve or timing)) or VCT or VVT or VTC) same lock				
		near2 pin) and 123/90.15-90.18,				
		90.27,90.31.ccls.) or (((phaser or adjuster or (variable near2 (valve				
		or timing)) or VCT or VVT or VTC) same lock near2 pin) and 92/5L,				
		120-125.ccls.))) or ((((phaser or				
		adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC)				
		same locking near2 pin) not (((phaser or adjuster or (variable				
		near2 (valve or timing)) or VCT or				
		VVT or VTC) same lock near2 pin) or (((phaser or adjuster or				
		(variable near2 (valve or timing))				
		or VCT or VVT or VTC) same lock near2 pin) and 123/90.15-90.18,				
		90.27,90.31.ccls.) or (((phaser or				
		adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC)				
		same lock near2 pin) and 92/5L, 120-125.ccls.))) and 123/90.				
		15-90.18,90.27,90.31.ccls.) or				
		((((phaser or adjuster or (variable near2 (valve or timing)) or VCT or				
		VVT or VTC) same locking near2				
		pin) not (((phaser or adjuster or (variable near2 (valve or timing))				
		or VCT or VVT or VTC) same lock				
!		near2 pin) or (((phaser or adjuster or (variable near2 (valve or				
		timing)) or VCT or VVT or VTC) same_lock_near2_pin_land_123/90.				
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		near? (value or timing)) or VCT or				

S26 0 ((((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VTT or Or VTT o							
near2 (valve or timing)) or VCT or VVT or VTC) same locks a near2 (mechanism or piston)) not (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 (pin) or (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) and 123/90.15-90.18, 90.27-90.31, ccls.) or (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) and 92/5L, 120-125.ccls.)) not (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VTC or VTC or VTC same lock near2 pin) and 92/5L, 120-125.ccls.)) not (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VTC or VTC same lock near2 pin) or (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VTC) same lock near2 pin) or (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VTC) same lock near2 pin) and 123/90.15-90.18, 90.27-90.31, ccls.) or (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VTC or VTC or VTC same lock near2 pin) and 92/5L, 120-125.ccls.)) or (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VTC or VTC same lock near2 pin) and 92/5L, 120-125.ccls.)) or (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VTC or VTC same lock near2 pin) or (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VTC o	S26	0	((((phaser or adjuster or (variable	US-PGPUB:	OR	ON	2004/04/01 17:36
WT or VTC) same locks 1 near2 (mechanism or piston)) not (((((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VTT or							
(mechanism or piston)) not (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) or (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) and 123/90.15-90.18, 90.27,90.31.ccls.) or (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) and 22/5L, 120-125.ccls.))) not ((((phaser or adjuster or (variable near2 (valve or timing))) or VCT or VVT or VTC) same locking near2 pin) not ((((phaser or adjuster or (variable near2 (valve or timing))) or VCT or VVT or VTC) same locking near2 pin) not ((((phaser or adjuster or (variable near2 (valve or timing))) or VCT or VVT or VTC) same lock near2 pin) or (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) or (((phaser or adjuster or (variable near2 (valve or timing))) or VCT or VVT or VTC) same lock near2 pin) and 123/90.15-90.18, 90.27, 90.31.ccls.) or (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) and 123/90.15-90.18, 90.27, 90.31.ccls.) or (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) not (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) or (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) and 123/90.15-90.18, 90.27, 90.31.ccls.) or (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) and 123/90. 15-90.18, 90.27, 90.31.ccls.) or (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) not (((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) not ((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) not ((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VV		1		1			
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Search History 8/18/05-4-27-3-3-8 (M 277-3-3-8-3-1) and 123/90. C:\Documents and Settings \ Riddle \ My Documents \ PAST\ Workspaces\ 10642590. wsp (((phaser or adjuster or (variable)			timing)) or VCT or VVT or VTC)				
C:\Documents and Settings kridgie My pocuments PAST\Workspaces\10642590.wsp	Coarch !	liston: 0/10	"same Jock near2 pin) and 123/90.	-		ļ	
	C-\Docu	ments and Sel	(4)5=9(1)8 5(1)27 79 6:31 ccls), or	ED3000\10642E	90 wen		
near? (valve or timing)) or VCT or	ک رکاندلا	mento anti sei	(((phaser or adjuster or (variable	Spaces/100425	ou.wsp		
	l	1	near? (valve or timing)) or VCT or	1	I	I	i l

		,				·
S27	5	((((phaser or adjuster or (variable	US-PGPUB;	OR	ON	2004/04/01 17:37
		near2 (valve or timing)) or VCT or	USPAT;			' '
		VVT or VTC) same lock\$3 near2	EPO; JPO;			
İ		(mechanism or piston)) not	DERWENT			
			DEIXVEIVI			
		(((phaser or adjuster or (variable				
İ		near2 (valve or timing)) or VCT or				
		VVT or VTC) same lock near2 pin)				
		or (((phaser or adjuster or				
		(variable near2 (valve or timing))				
		or VCT or VVT or VTC) same lock				
		near2 pin) and 123/90.15-90.18,				
Ī		90.27,90.31.ccls.) or (((phaser or				
ļ		adjuster or (variable near2 (valve				
		or timing)) or VCT or VVT or VTC)				
		same lock near2 pin) and 92/5L,				
}						
İ		120-125.ccls.))) not ((((phaser or				
	-	adjuster or (variable near2 (valve	İ			
		or timing)) or VCT or VVT or VTC)				
		same locking near2 pin) not				
		(((phaser or adjuster or (variable				
		near2 (valve or timing)) or VCT or				
		VVT or VTC) same lock near2 pin)				
		or (((phaser or adjuster or	:			
		(variable near2 (valve or timing))				
		or VCT or VVT or VTC) same lock				
		near2 pin) and 123/90.15-90.18,				
		90.27,90.31.ccls.) or (((phaser or				
1						
		adjuster or (variable near2 (valve				
		or timing)) or VCT or VVT or VTC)				
		same lock near2 pin) and 92/5L,				
		120-125.ccls.))) or ((((phaser or				
		adjuster or (variable near2 (valve				
	}	or timing)) or VCT or VVT or VTC)				
		same locking near2 pin) not				
		(((phaser or adjuster or (variable				
		near2 (valve or timing)) or VCT or				
		VVT or VTC) same lock near2 pin)				
	1	or (((phaser or adjuster or				
		(variable near2 (valve or timing))				
		or VCT or VVT or VTC) same lock				
		near2 pin) and 123/90.15-90.18,		1		
				1		
		90.27,90.31.ccls.) or (((phaser or		1		
		adjuster or (variable near2 (valve		1		
		or timing)) or VCT or VVT or VTC)				
		same lock near2 pin) and 92/5L,		1		
		120-125.ccls.))) and 123/90.				
		15-90.18,90.27,90.31.ccls.) or		1		
		((((phaser or adjuster or (variable				
		near2 (valve or timing)) or VCT or		1		
		VVT or VTC) same locking near2		1		
		pin) not (((phaser or adjuster or		1		
		(variable near2 (valve or timing))		1		
		or VCT or VVT or VTC) same lock		1		
		near2 pin) or (((phaser or adjuster		!		
		or (variable near2 (valve or				
		timing)) or VCT or VVT or VTC)				
Search I	listory 8/18	same lock near2 pin) and 123/90.				
C:\Docu	ments and Se	(*T5-90 T8-90 27 98 31 ccls.) or ttings kRiddle My Documents PAST Work (((phaser or adjuster or (variable	spaces\106425	90.wsp		
		((((pnaser or adjuster or (variable				
-	•		•	•	•	. '

S28	1748	123/90.17.ccls.	US-PGPUB;	OR	ON	2004/04/01 17:38
			USPAT; EPO; JPO; DERWENT			
S29	3	"5826552".URPN.	USPAT	OR	ON	2004/04/01 17:40
S30	4	("4858572" "5666914" "5724929" "5738056").PN.	USPAT	OR	ON	2004/04/01 17:41
S31	1	osamu-komazawa.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/12 09:48
S32	81	komazawa-osamu.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/12 09:49
S33	5	"5826552"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/12 10:10
S34	4	("4858572" "5666914" "5724929" "5738056").PN.	USPAT	OR	ON	2004/04/12 10:18
S35	37	92/5L.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/12 15:28
S36	739239	mitsubishi-\$.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/12 15:33
S37	50180	mitsubishi-\$.as. and ((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock or pin or impeller or piston or stop\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/12 15:36
S38	1236	(mitsubishi-\$.as. and ((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock or pin or impeller or piston or stop\$3)) and (lock or pin or impeller or piston or stop\$3) near3 (hole or cylinder or bore) with (slid\$4 or side\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/12 16:09

		Y				
S39	130	((mitsubishi-\$.as. and ((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock or pin or impeller or piston or stop\$3)) and (lock or pin or impeller or piston or stop\$3) near3 (hole or cylinder or bore) with (slid\$4 or side\$3)) and ("123"/\$ or "251"/\$ or "92"/\$ or "137"/\$).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/12 16:11
S40	11641	(lock\$3 or pin or impeller or piston or stop\$3) near3 (hole or cylinder or bore) with (slid\$4 or side\$3 or axial\$2) same (unlock\$3 or releas\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/12 16:11
S41	605	((lock\$3 or pin or impeller or piston or stop\$3) near3 (hole or cylinder or bore) with (slid\$4 or side\$3 or axial\$2) same (unlock\$3 or releas\$3)) and ("123"/\$ or "251"/\$ or "92"/\$).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/12 16:12
S42	732894	mitsubishi-\$.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/27 15:48
S43	101	S42 and 123/90.17.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/27 15:49
S44	5	(US-20020062798-\$).did. or (US-5826552-\$ or US-6276322-\$ or US-6325032-\$ or US-6443112-\$).did.	US-PGPUB; USPAT	OR	ON	2005/02/11 11:50
S45	0	S44 and separate near2 (oil or fluid)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/11 11:51
S46	1906	123/90.17.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/11 11:51
S47	58	S46 and separate near2 (oil or fluid)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/11 11:59
S48	11	S46 and separate near2 lock\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/11 11:59
S49	0	("2004/0055550").URPN.	USPAT	OR	ON	2005/02/11 12:04
S50	0	("2004/0055550").URPN.	USPAT	OR	ON	2005/02/11 12:13

S51	11	"5901674"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/11 12:13
S52	1	de-69711160-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/14 10:59